NC/QC/W-13/2018-19/SB -W1 Date: 02-08-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting at Balance Road at Shooting Bungalow Road and other Roads in Mallasandra Ward No. 13 Shettyhalli Sub Division}

Ref.: Material testing/W-13/QC/18-19,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**99.05**	95-100
26.50	**---**	-
22.40	**74.65**	60-80
11.20	**49.10**	40-60
4.75	**33.40**	25-40
2.36	**17.15**	15-30
0.600	**11.80**	8-22
0.075	**3.95**	0-5

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

Date: 02-08-2018

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.64 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.41 %**	Not more than 35.0 %
3.	Water absorption, %	**0.42 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸನಕೊಪ್ಪ ಶಾಖೆ
ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ಹಾವೇರಿ ಜಿಲ್ಲೆ

KIRAN. R
M.E, (Civil-Engg)

Page No. 2/2

For Newzen Consultants Bangalore
Proprietor

NC/QC/W-13/2018-19/SB -W2 Date: 06-08-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting at Balance Road at Shooting Bungalow Road and other Roads in Mallasandra Ward No. 13 Shettyhalli Sub Division}

Ref.: Material testing/W-13/QC/18-19,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**96.25**	95-100
26.50	**---**	-
22.40	**73.90**	60-80
11.20	**48.70**	40-60
4.75	**38.05**	25-40
2.36	**21.80**	15-30
0.600	**13.10**	8-22
0.075	**4.05**	0-5

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com

Date: 06-08-2018

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**28.09 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**27.91 %**	Not more than 35.0 %
3.	Water absorption, %	**0.43 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಪ್ಪಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com

NC/QC/W-13/2018-19/SB -W3 Date: 10-08-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting at Balance Road at Shooting Bungalow Road and other Roads in Mallasandra Ward No. 13 Shettyhalli Sub Division}

Ref.: Material testing/W-13/QC/18-19,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**96.20**	95-100
26.50	---	-
22.40	**63.85**	60-80
11.20	**45.40**	40-60
4.75	**27.65**	25-40
2.36	**20.05**	15-30
0.600	**13.70**	8-22
0.075	**3.55**	0-5

KIRAN. R
M.E. (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com